

# American Scientist Annual Index, Volume 97, 2009

## Articles

Brown, Jerry H., *Proteomimicry*, July, 317  
Burch, James L., and James F. Drake, *Re-connecting Magnetic Fields*, Sept., 392  
Casten, Thomas R., and Phillip F. Schewe, *Getting the Most from Energy*, Jan., 26  
Daniels, Dennis, *The Bones of Copernicus*, Jan., 50  
Gelman, Andrew, and David Weakliem, *Of Beauty, Sex and Power*, Jul., 310  
Hall, Charles A. S., and John W. Day, *Revisiting the Limits to Growth After Peak Oil*, May, 230  
Hill, Ted, *Knowing When to Stop*, Mar., 126  
Hobohm, Uwe, *Healing Heat: Harnessing Infection to Fight Cancer*, Jan., 34  
Hough, Susan, Roger Bilham and Ismail Bhat, *Kashmir Valley Megaeartquakes*, Jan., 42  
Jacobs, Zenobia, and Richard G. Roberts, *Human History Written in Stone and Blood*, Jul., 302  
Keyes, Robert W., *The Long-lived Transistor*, Mar., 134  
Lai, Chintu, Ting-Kuei Tsay, Chen-Ho Chien and I-Ling Wu, *Real-time Flood Forecasting*, Mar., 118  
Nelson III, Charles A., Elizabeth A. Furtado, Nathan A. Fox and Charles H. Zeanah, Jr., *The Deprived Human Brain*, May, 222  
Pfirmin, Stephanie, Bruno Tremblay and Charles Fowler, *Going with the Floe?*, Nov., 484  
Polidori, Guillaume, Philippe Jeandet, and Gérard Liger-Belair, *Bubbles and Flow Patterns in Champagne*, Jul., 294  
Porter, Mason A., Norman J. Zabusky, Bambi Hu and David K. Campbell, *Fermi, Pasta, Ulam and the Birth of Experimental Mathematics*, May, 214  
Schäfer, Andreas, Henry D. Jacoby, John B. Heywood and Ian A. Waitz, *The Other Climate Threat: Transportation*, Nov., 476  
Shear, William A., *Harvestmen*, Nov., 468  
Sinclair, Thomas R., *Taking Measure of Biofuel Limits*, Sept., 400  
Smithline, Lawren M., *A Cipher to Thomas Jefferson*, Mar., 142  
Trefil, James, Harold J. Morowitz and Eric Smith, *The Origin of Life*, May, 206  
Webster, Keith A., *Mitochondrial Death Channels*, Sept., 384  
Werner, Michael, *Spitzer's Cold Look at Space*, Nov., 458

## Computing Science

Hayes, Brian, *Automation on the Job*, Jan., 10; *Writing Math on the Web*, Mar., 98; *Everything Is Under Control*, May, 186; *The Best Bits*, Jul., 276; *The Higher Arithmetic*, Sept., 364; *Hip-Hop Physics*, Nov., 438

## Engineering

Petroski, Henry, *Machu Picchu*, Jan., 15; *Tacoma Narrows Bridges*, Mar., 103; *Akashi Kaikyo Bridge*, May, 192; *Once an Engineer*, Jul., 282; *Infrastructure*, Sept., 370; *The Minneapolis Bridge*, Nov., 444

## Macroscope

Larson, Douglas W., *The Battle of Bull Run*, May, 182  
Margulis, Lynn, and Peter Raven, *The Herbal of Rumphius*, Jan., 7  
Smith, Roger P., *The Blue Baby Syndromes*, Mar., 94  
Wainer, Howard, and Shaun Lysen, *That's Funny*, Jul., 272  
Wilson, Greg, *How Do Scientists Really Use Computers?*, Sept., 360

## Marginalia

Dorit, Robert L., *Routes of Resistance*, Jan., 20; *Keyboards, Codes and the Search for Optimality*, Sept., 376  
Hoffman, Roald, *The Squeeze Is On*, Mar., 108; *Abstract Science?*, Nov., 450  
Shipman, Pat, *The Woof at the Door*, Jul., 286

Thomson, Keith, *Darwin's Enigmatic Health*, May, 198

## Science Observer

Clabby, Catherine, *DNA Research Com-mons Scaled Back*, Mar., 113; *A Tangled Tale of Plant Evolution*, May, 202; *Rip Van Winkle Ecology*, Jul., 290; *Building a Better Salt Trap*, Sept., 381

Phillips, Anna Lena, *Move Over, Flint-stones*, Jan., 24; *What's Wrong with This Picture?*, Mar., 114; *Tracking the Invaders*, May, 203; *Science Art Found*, Jul., 292; *Savory Individuals*, Sept., 380; *Don't Fence Me Out*, Nov., 454

Ryan, Morgan, *A Nuke on the Yukon*, Mar., 112; *Molecular Movie Stars*, Sept., 382

Saunders, Fenella, *What's All the Flap About?*, Jan., 23; *Working Best Under Pressure*, Jul., 291; *Multitasking to Distraction*, Nov., 455

## Sightings

Clabby, Catherine, *Seeing Is Believing*, May, 238; *Follow the Flow*, Jul., 326; *See How the Earth Moves*, Sept., 408; *Envisioning Cosmic Collisions*, Nov., 494  
Kosara, Robert, *A Vennerable Challenge*, Jan., 58; *A Little Space, Please*, Mar., 150

Expanded 2009 index, including book reviews, available online at [www.sigmaxi.org/AS2009/index.pdf](http://www.sigmaxi.org/AS2009/index.pdf)



"The stories I could tell these boys about entropy!"